

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------------|--------------------|------------------|---------|------------------|
| L1 | 1 | ("6377304").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/12 11:17 |
| S1 | 42 | murata-takahiko.in. | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:04 |
| S2 | 3 | yamaguti-takumi.in. | US-PGPUB; USPAT | AND | ON | 2007/03/12 11:17 |
| S3 | 40 | fujii-toshiya.in. | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:05 |
| S4 | 16 | kasuga-shigetaka.in. | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:05 |
| S5 | 83 | S1 or S2 or S3 or S4 | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:06 |
| S6 | 0 | S5 and "vertically.clm" | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:06 |
| S7 | 0 | S5 and "vertically.clm" | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:06 |
| S8 | 7 | S5 and vertically.clm. | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:44 |
| S9 | 160 | 348/324 | US-PGPUB; USPAT | AND | ON | 2007/03/08 16:44 |
| S10 | 1 | ("20060061889").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 10:15 |
| S11 | 1 | ("6765236").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 10:21 |
| S12 | 64 | (348/324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 10:33 |
| S13 | 53 | (348/323).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 10:34 |
| S14 | 50 | S13 not S12 | US-PGPUB; USPAT | AND | ON | 2007/03/09 10:42 |
| S15 | 166 | (348/322).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 10:42 |
| S16 | 155 | S15 not (S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:14 |
| S17 | 42 | (348/321).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 11:15 |
| S18 | 30 | S17 not (S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:22 |
| S19 | 91 | (348/320).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 11:22 |
| S20 | 68 | S19 not (S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:31 |

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| S21 | 91 | (348/319).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 11:31 |
| S22 | 61 | S21 not (S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:39 |
| S23 | 154 | (348/317).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 11:39 |
| S24 | 108 | S23 not (S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:53 |
| S25 | 114 | (348/316).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 11:53 |
| S26 | 0 | S23 not (S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 11:53 |
| S27 | 76 | S25 not (S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 12:19 |
| S28 | 138 | (348/315).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 12:05 |
| S29 | 98 | S28 not (S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 12:18 |
| S30 | 351 | (348/312).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 12:19 |
| S31 | 432 | (348/311).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 12:19 |
| S32 | 353 | S31 not (S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 12:49 |
| S33 | 134 | (348/304).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 12:49 |
| S34 | 118 | S33 not (S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 13:14 |
| S35 | 118 | (348/303).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 13:14 |
| S36 | 85 | S35 not (S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 13:24 |
| S37 | 115 | (348/202).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 13:24 |
| S38 | 114 | S37 not (S35 or S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 13:24 |
| S39 | 448 | (348/302).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 13:24 |
| S40 | 376 | S39 not (S35 or S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:04 |

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| S41 | 306 | S40 and @ad<"20030128" | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:04 |
| S42 | 79 | (348/295).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 14:04 |
| S43 | 0 | S39 not (S39 or S35 or S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:04 |
| S44 | 64 | S42 not (S39 or S35 or S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/10 13:09 |
| S45 | 777 | (348/294).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 14:18 |
| S46 | 648 | S45 not (S42 or S39 or S35 or S33 or S31 or S28 or S25 or S23 or S21 or S19 or S17 or S15 or S13 or S12) | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:20 |
| S47 | 398 | S46 and @ad<"20030128" | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:20 |
| S48 | 128 | S47 and color | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:20 |
| S49 | 227 | S46 and color | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:49 |
| S50 | 69418 | ("348").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 14:49 |
| S51 | 8 | S50 and (charges adj3 output adj2 sequential\$3) | US-PGPUB; USPAT | AND | ON | 2007/03/09 14:53 |
| S52 | 78 | S50 and ("same color") with sequential\$3 | US-PGPUB; USPAT | AND | ON | 2007/03/10 12:19 |
| S53 | 1 | ("7148927").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/09 14:55 |
| S54 | 3 | ("5018006" "6512546" "6570615").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/03/09 14:55 |
| S55 | 3 | ("5018006" "6512546" "6570615").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2007/03/09 15:04 |
| S56 | 331 | (348/272).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 12:23 |
| S57 | 192 | S56 and @ad<"20030128" | US-PGPUB; USPAT | AND | ON | 2007/03/10 13:09 |
| S58 | 139 | S56 not S57 | US-PGPUB; USPAT | AND | ON | 2007/03/10 13:09 |
| S59 | 64 | (348/324).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |

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| S60 | 53 | (348/323).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S61 | 166 | (348/322).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S62 | 42 | (348/321).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S63 | 91 | (348/320).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S64 | 91 | (348/319).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S65 | 154 | (348/317).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S66 | 114 | (348/316).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S67 | 138 | (348/315).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S68 | 432 | (348/311).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S69 | 134 | (348/304).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S70 | 118 | (348/303).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S71 | 448 | (348/302).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S72 | 79 | (348/295).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:09 |
| S73 | 138 | S58 not (S72 or S71 or S70 or S69 or S68 or S67 or S66 or S65 or S64 or S63 or S62 or S61 or S60 or S59) | US-PGPUB; USPAT | AND | ON | 2007/03/10 13:27 |
| S74 | 372 | (348/273).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 13:27 |
| S75 | 304 | S74 not (S56 or S72 or S71 or S70 or S69 or S68 or S67 or S66 or S65 or S64 or S63 or S62 or S61 or S60 or S59) | US-PGPUB; USPAT | AND | ON | 2007/03/10 13:28 |
| S76 | 263 | S75 and @ad<"20030129" | US-PGPUB; USPAT | AND | ON | 2007/03/10 14:08 |
| S77 | 36 | (348/281).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:08 |
| S78 | 0 | S76 not (S56 or S74) | US-PGPUB; USPAT | AND | ON | 2007/03/10 14:09 |
| S79 | 30 | S77 not (S56 or S74) | US-PGPUB; USPAT | AND | ON | 2007/03/10 14:14 |

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| S80 | 38 | (348/283).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:14 |
| S81 | 34 | S80 not (S77 or S56 or S74) | US-PGPUB; USPAT | AND | ON | 2007/03/10 14:32 |
| S82 | 1 | ("6124888").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:33 |
| S83 | 1 | ("6377304").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:35 |
| S84 | 1 | ("6992714").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:37 |
| S85 | 1 | ("20060007353").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:38 |
| S86 | 1 | ("20020191104").PN. | US-PGPUB; USPAT | OR | OFF | 2007/03/10 14:38 |